

Title (en)
Coding and decoding method and apparatus using plural scanning patterns

Title (de)
Videokodierung und Dekodierung mit verschiedenen Scan-Mustern

Title (fr)
Codage et décodage vidéo avec plusieurs configurations de balayage des coefficients

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Abstract (en)
Provided is a coding and decoding method and apparatus using a plurality of scanning patterns. The method for coding image data includes: (a) obtaining NxM data by firstly source-coding the image data; (b) scanning the NxM data using a predetermined scan pattern selected from a plurality of scan patterns in response to the obtained NxM data; and (c) secondly source-coding the scanned data. Accordingly, coding and decoding image data having various characteristics can be implemented efficiently. Particularly, even for the image data having an interlaced scanned frame format, more efficient coding and decoding can be achieved.

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